



**PERMIT APPLICATION - ROCK, SAND, AND GRAVEL PLANTS**  
**NORTH DAKOTA DEPARTMENT OF HEALTH**  
**DIVISION OF AIR QUALITY**  
SFN 8530 (12-05) AP 108

**GENERAL**

Name of Firm or Organization		Application Date
Person to Contact on Air Pollution Matters	Title	Telephone Number
Person Submitting Application	Title	Telephone Number
Mailing Address	City & State	Zip Code

**PLANT DATA**

Source ID No.	Type of Plant <input type="checkbox"/> Screening Only <input type="checkbox"/> Crushing & Screening <input type="checkbox"/> Permanent <input type="checkbox"/> Portable			
Permanent Plant Location ¼      Sec.      Twp.      Rge.			County	Plant Site Area (Acres)
Normal Operating Schedule	Hours Per Day	Days Per Week	Weeks Per Year	Date Plant was Manufactured

**CRUSHING EQUIPMENT**

Manufacturer's Name (Primary Crusher)	Rated Capacity (Tons/Hour)
Manufacturer's Name (Secondary Crusher)	Rated Capacity (Tons/Hour)
Manufacturer's Name (Tertiary Crusher)	Rated Capacity (Tons/Hour)

**SCREENS**

SIZE	CAPACITY (TONS/HOUR)	SIZE	CAPACITY (TONS/HOUR)

**CONVEYORS**

CONVEYOR USE	CAPACITY (TONS/HOUR)

**DUST CONTROL EQUIPMENT**

Is water used to control dust discharge? <input type="checkbox"/> NO <input type="checkbox"/> YES - Describe system
Are fans and collectors, such as cyclones or baghouses, used to control dust discharge? <input type="checkbox"/> NO <input type="checkbox"/> YES - Describe system
Are any other types of dust suppression methods used? <input type="checkbox"/> NO <input type="checkbox"/> YES - Describe system

**SAND WASHER**

Manufacturer's Name	Capacity (Tons/Hour)
---------------------	----------------------

**STORAGE PILES**

SIZE OF MATERIAL	AVERAGE QUANTITY	SIZE OF MATERIAL	AVERAGE QUANTITY
1		4	
2		5	
3		6	

Are any dust suppression methods used to control fugitive dust from storage piles and haul road?  
☐ NO      ☐ YES - Describe system

**AVERAGE ANNUAL OUTPUT**

SIZE OF MATERIAL	TONS/YEAR OUTPUT	SIZE OF MATERIAL	TONS/YEAR OUTPUT

Signature of Applicant X	Date
-----------------------------	------

**INSTRUCTIONS**

1. Attach a sketch showing plant location and surroundings within a one-mile radius of the plant; indicate dwellings, public roads, haul roads, aggregate stockpiles, north arrow and direction of prevailing winds.
2. Attach a process flow diagram for your plant. Label all processes, types of equipment and capacities (tons/hour).
3. If the plant components shown on the process flow diagram, such as a number of screens, number of crushers and sand washers, are not used for all projects, describe when the equipment is used.
4. If you need more space to explain any system or answers, attach and label separate sheet(s).

**SEND COMPLETED APPLICATION TO:**

North Dakota Department of Health  
 Division of Air Quality  
 918 E Divide, 2nd Floor  
 Bismarck, ND 58501-1947

Telephone: (701)328-5188

## GENERAL INSTRUCTIONS

FOR PURPOSES OF THIS APPLICATION, THE FOLLOWING DEFINITIONS APPLY:

SCREENING ONLY	A process of separating pit run rock, gravel, and sand into various desired sizes. This process may include sand washing.
CRUSHING AND SCREENING	A process of crushing rock and separating into various desired sizes or gravel and sand. This process may include sand washing.
PERMANENT PLANT	Plant operating more than six months at the same location.
PORTABLE PLANT	Plant operating less than six months at the same location.

Type or print all answers. If an item does not apply to your plant, put "NA" in that portion of the form.

Select a number, letter, or combination of numbers and letters as a SOURCE IDENTIFICATION NUMBER for each plant owned by our company. This source identification number will be used by the Health Department to distinguish between your plants.

Plant components are identified on the process flow diagram (below). This process flow diagram should be used as an example for making the process flow diagram for your plant. If dust control equipment is used, note the pickup points on your diagram and describe the type of control on the diagram or on an attached separate sheet.